



# **PRE FABRICATED STEEL BUILDINGS**

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## **Installing Skylights**

## INSTALLING SKYLIGHTS

We suggest to install skylights at the peak of the building or close to it. Remove all bolts from the steel panel you want to replace by a skylight, and lift out the panel (see fig.61).

**CAUTION:** We recommend restricting the number of skylights used to one skylight per every ten arches. Skylights are not as strong as steel panels, and especially where heavy snowfall is involved, using too many skylights could seriously endanger structural integrity. You should never attempt to erect an arch containing a skylight; put up the arch with steel panels only, and replace a steel panel later on. Skylights usually break if they are installed in an arch before the erection.

**NOTE:** If the arches are made of a heavier steel than the standard arch thickness, extra heavy skylights are available. Ask your dealer for prices and details.

**NOTE:** The number of steel panels shipped is automatically reduced by the number of skylights ordered. If, for example, you order two skylights, then the factory will ship two steel panels less than a full set.

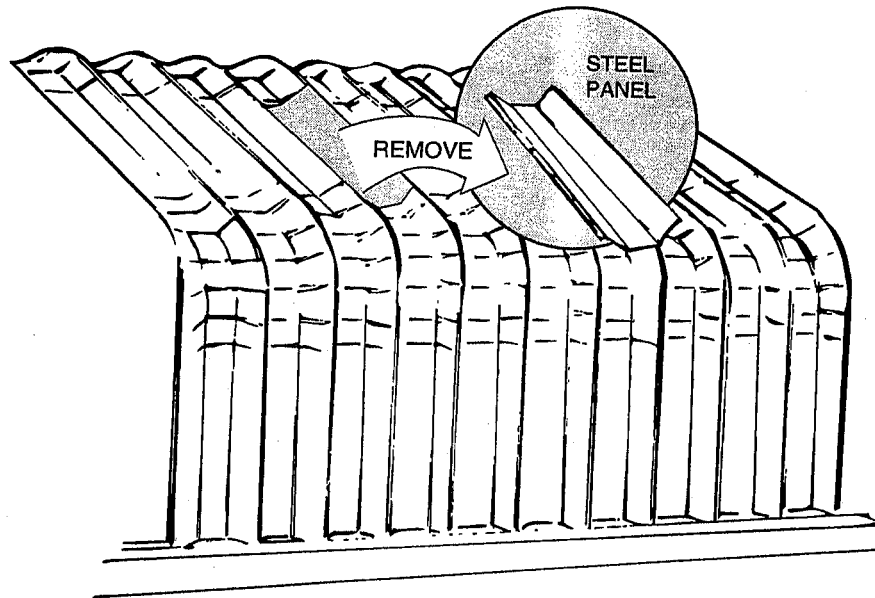


Fig. 61

The skylight is carefully placed into the opening, overlapping the panel below it, just like the steel panel did. When the skylight has been positioned it should be secured by supporting it from within the building, while someone outside the building marks the boltholes with a felt-tip marker (see fig.62).

The skylight is then removed for drilling the marked holes. When all holes have been drilled, caulking (if used) is applied along all edges and the skylight is put back in place and bolted up.

**CAUTION:** Fiberglass can be brittle, especially at lower temperatures. Avoid bending or twisting the skylights, and drill the holes slowly and carefully, or else you may crack the skylight, causing leakage.

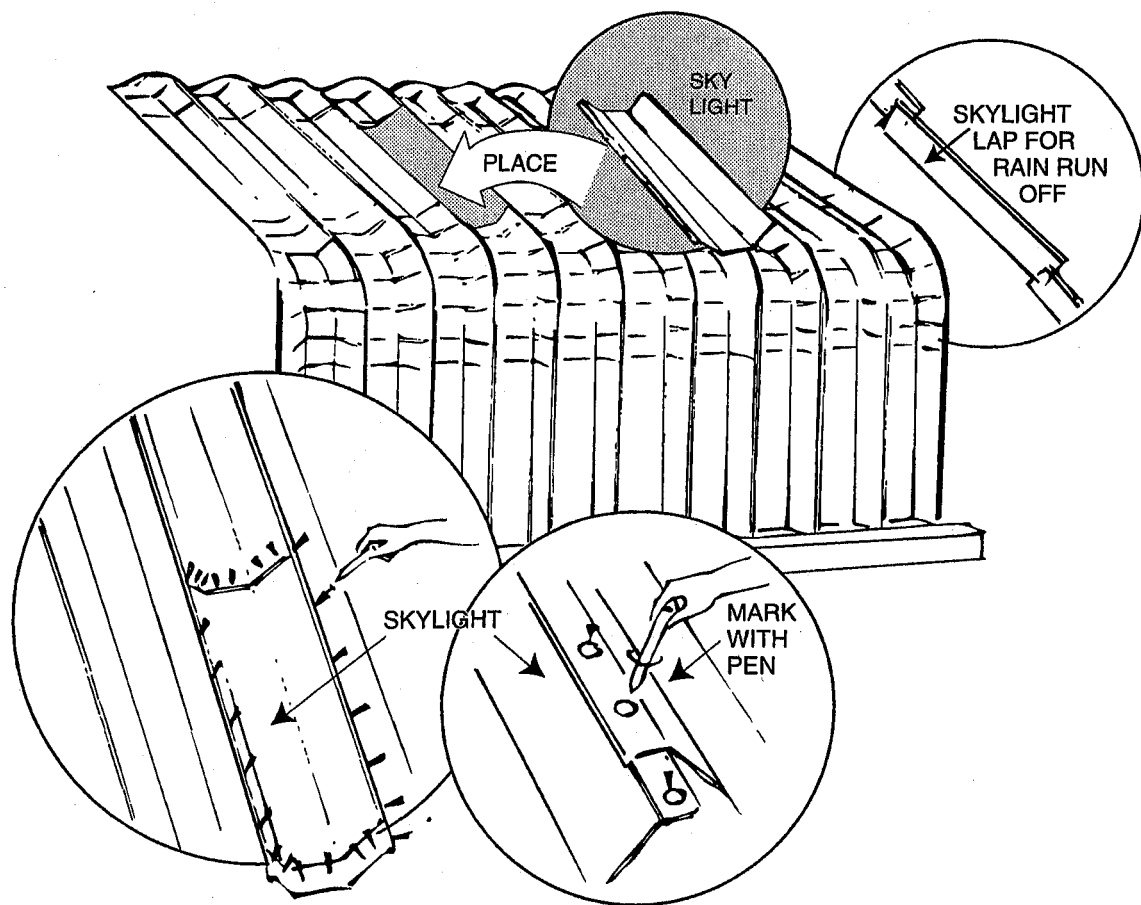


Fig. 62